

BALL VALVES

D171 / D171EXS

Bronze Ball Valve/Extended Stem Bronze Ball Valve



PN25

Features & Benefits

- **D171** Ball Valves are light, compact units which are easy to install and operate, yet their robust construction ensures long, trouble free service life.
- **D171** and **D171EXS** are WRAS approved for use on hot and cold water systems up to 85°C.

Materials

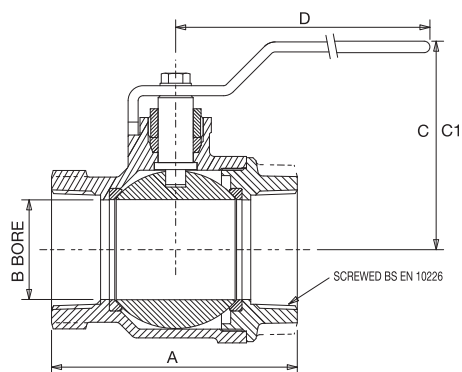
| PART | MATERIAL | SIZES |
|-------------------|--|---------|
| Body | Bronze BS EN 1982 CC491K | All |
| Seat Retainer | Bronze BS EN 1982 CC491K | All |
| Ball | DZR Brass BS EN 12165 CW602N (Chrome Plated) | All |
| Seat Ring | PTFE | All |
| Stem | DZR Brass BS EN 12164 CW602N | All |
| Packing | PTFE | All |
| Gland Nut | DZR Brass BS EN 12164 CW602N | 1/4 - 2 |
| Lever | Mild Steel (Zinc Plated) | All |
| Screw | Mild Steel (Zinc Plated) | All |
| Lever Cover | PVC | All |
| Extension Housing | Aluminium | D171EXS |
| Extension Stem | Brass BS EN 12164 CW602N | D171EXS |

Dimensions & Weights

| SIZE (inch) | WEIGHT (kg) | A (mm) | B (mm) | C (mm) | C1 (mm) D171EXS | D (mm) |
|-------------|-------------|--------|--------|--------|-----------------|--------|
| 1/4 | 0.15 | 46 | 10 | 39 | - | 81 |
| 3/8 | 0.15 | 46 | 10 | 39 | - | 81 |
| 1/2 | 0.22 | 57 | 15 | 52 | 97 | 92 |
| 3/4 | 0.45 | 67 | 20 | 58 | 98 | 92 |
| 1 | 0.69 | 77 | 25 | 66 | 118 | 127 |
| 1 1/4 | 1.12 | 91 | 32 | 72 | 124 | 127 |
| 1 1/2 | 1.67 | 103 | 40 | 82 | 142 | 142 |
| 2 | 2.93 | 122 | 50 | 90 | 149 | 142 |
| 2 1/2 | 4.98 | 153 | 65 | 117 | - | 202 |
| 3 | 8.75 | 179 | 80 | 132 | - | 282 |



Dimensional Drawing



Pressure/Temperature Ratings

Threaded

| | | | | |
|------------------|------------|------|------|------|
| TEMPERATURE (°C) | -10 to 100 | 110 | 120 | 186 |
| PRESSURE (BAR) | 25.0 | 23.4 | 21.8 | 10.5 |

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: PN25

TEMPERATURE OPERATING RANGE: -10 To 186°C

UK END CONNECTION: Taper Threaded To BS EN 10226-2 (Iso 7-1) Formerly BS 21

US END CONNECTION: ANSI B1.20.1 (please add suffix AT to denote American Thread)

OPERATOR: Lever

SPECIFICATION: Quarter Turn, Tight Shut-Off. This Valve Is Not Suitable For Use On Group 1 Gases Or Unstable Fluids, as defined by the Pressure Equipment Directive 97/23/EC.*

* See page 251 for more information